SECTION C

TDPL: 5-19-2298	DATED: 03/14/03	END ITEM CODE: 493
NSN: 4240-01-363-1310	PART NO: 5-19-2298	START #: C13CARXX
NOMEN: Filter, Gas, M23A1		QTY: 600

The following engineering exceptions apply to this TDPL, and shall be incorporated into solicitations/contracts for the above listed PRON(s):

1. TDPL, Specifications and Standards section, the following additional specification will apply to this TDP:

ASTM D6576	Flexible Cellular Rubber, Chemically Blown
SAE AMS-QQ-A-250	Aluminum and Aluminum Alloy, Plate and Sheet, General Specification for
SAE AMS-QQ-A-250/11	Aluminum Alloy 6061, Plate and Sheet UNS A96061

2. TDPL, SPECIFICATIONS AND STANDARDS section, and throughout the TDP, use the specifications and standards on the right side in place of the corresponding specification or standard on the left side:

CCC-C-419	PIA-C-419 (Parachute Industry Association document)
EA-C-1704	MIL-DTL-32101
FF-B-584	ASME/ANSI B18.5 (see table 6) and ASME/ANSI B18.18.1 (for quality assurance)
MIL-E-15597	ANSI/AWS A5.3 and ANSI/AWS A5.01
MIL-R-6130	ASTM D6576
MIL-STD-100	ASME Y14.100
MIL-STD-6866	ASTM E1417
QQ-A-250	SAE AMS-QQ-A-250
QQ-A-250/8	SAE AMS-QQ-A-250/8

3. TDPL, SPECIFICATIONS AND STANDARDS section, the current revision of MIL-DTL-51222 is Revision D with Amendment 1, dated 15 Nov 1999. Copy is attached.

4. Drawing 5-19-2298. Note 3, delete "MIL-DTL-51221" and replace with "MIL-DTL-51222".

5. Drawing 5-19-3212. Requirement 2, Mildew Resistance, change the language to read as follows: "The material shall be made mildew resistant using a treatment of copper 8-quinolinolate. Application method shall be optional between:

Attachment 002

(1) Solvent application - The copper 8-quinolinolate shall be compounded into a formulation which will result in a stable, clear, single-phase solution free of visible solid particles when diluted with organic solvents, or

(2) Emulsion dispersion application – The copper 8-quinolinolate shall be compounded into a formulation which will form a stable emulsion of either oil-in-water or water-in-oil, or

(3) Two-bath aqueous precipitation – The copper 8-quinolinolate shall be processed as follows: The fabric shall be treated with an aqueous solution of 8-hydroxyquinoline in the presence of acetic acid and a suitable wetting agent, such as dodecyl benzene sodium sulfonate, at +85 degrees C or –3 degrees C, and then squeezed to remove the excess solution. Then the fabric in wet condition shall be treated at room temperature with an aqueous solution of a cupric salt, preferably normal cupric acetate. The fabric shall be washed to remove any free copper salt or 8-hydroxyquinoline and then dried.

Conduct a fungus resistance test using Method 5750 of FED-STD-191."

6. Drawing 5-19-3212. Requirement 3, Water Repellency, change the second sentence to read as follows: "Sampling and acceptance for water repellency shall be in accordance with Table I of MIL-DTL-51222, inspection level IX."

7. MIL-DTL-51222. Paragraph 3.1, change the second sentence to read as follows: "Cloth shall be made mildew resistant using copper 8-quinolinolate, method of application optional."

8. The following Statement of Work for Ozone Depleting Chemicals also applies.

STATEMENT OF WORK - OZONE DEPLETING CHEMICALS

1a. The following specifications and standards may be listed and included as part of this Technical Data Package (TDP)/ Scope of Work (SOW):

FED-STD-191 MIL-STD-2073-1

b. Other specifications and standards, which identify ODCs among alternative substances for use, are part of this TDP/SOW as follows: N/A.

c. The above specifications and standards allow the optional use of Ozone Depleting Substances (ODS) or Ozone Depleting Chemicals (ODC). Preference should be given to the Non-ODS/ODC choices in compliance with Executive Order 12843, dated April 21, 1993, "Procurement Requirements and Policies for Federal Agencies for Ozone Depleting Substances".

2. Other specifications and standards containing ODS/ODC materials and included in this TDP for which a substitute is provided are as follows: N/A.

3. Other specifications and standards included in this TDP that specify use of an ODS/ODC and have been approved for use are as follows: N/A

4. NOTE: Offerers are requested, although not obligated, to perform their own screening of the TDP specifications and standards or SOW and identify any additional potential ODS/ODC to the contracting officer.

9. Shelf Life Markings shall apply to the packaging as specified in contract Section D and shall be in accordance with MIL-STD-129. The shelf life markings shall include the assembled date (mo/yr) and the Inspection/Test date (mo/yr). The inspection/test date shall be 60 months in future from the assembled date.

INCH–POUND

MIL–DTL–51222D(EA)
AMENDMENT 1
15 November 1999

EDGEWOOD CHEMICAL BIOLOGICAL CENTER
DETAIL SPECIFICATION

FILTER, GAS, 150, CFM, M23A1

Inactive for new design after 28 September 1995

This amendment forms a part of MIL–DTL–51222D(EA ,dated 22 October 1997, and is approved for use by the U.S. Army Edgewood Chemical Biological Center, Department of the Army and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 4

3.4, 1st line: Delete "...shall not exceed 3.8 inches (97 mm) of water..." and substitute the following: "...shall be equal or greater than 3.8 inches water gage (iwg) but not to exceed 4.2 iwg..."

PAGE 4

3.9: Delete paragraph and substitute the following: "The unaged CK life of the carbon samples taken during the filling process shall be not less than 90% of the unaged CK life requirement of EA–DTL–1704, when tested in accordance with 4.3.6.6"

PAGE 5

4.2.1, 1st line: Delete "12" and substitute "10".

4.2.2.2(a)(1), 2nd line: Delete "6th and 12th" and substitute "5th and 10th".

4.2.2.2(a)(2), 2nd line: Delete "12" and substitute "10".

FSC 4240

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PAGE 9

4.3.5, Classification of Characteristics Table, Major Characteristic 106: delete "Table I, level IX" and substitute "Table I, level XI".

PAGE 11

4.3.6.4, 1st sentence: Delete first sentence and substitute "Position and clamp the unpackaged filter on a movable steel plate such that the perforated influent and effluent faces of the filter are oriented perpendicular to the steel plate."

4.3.6.6, 1st line: Delete "sample carbon" and substitute "carbon sample".

Preparing activity:

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